

Recombinant Human GLTP protein, His & GST-tagged

Cat. No. GLTP-7833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLTP aa. (Ala2~Val209 (Accession # Q9NZD2)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala2~Val209
Description	The protein encoded by this gene is similar to bovine and porcine proteins which accelerate transfer of certain glycosphingolipids and glyceroglycolipids between membranes. It is thought to be a cytoplasmic protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.7kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	GLTP glycolipid transfer protein [Homo sapiens (human)]
Official Symbol	GLTP
Synonyms	Topbp1; topoisomerase (DNA) II binding protein 1; AI256758; mKIAA0259; 1110031N14Rik; 2810429C13Rik; D430026L04Rik; DNA topoisomerase 2-binding protein 1; DNA topoisomerase II-beta-binding protein 1; DNA topoisomerase II-binding protein 1; topoisomerase (DNA) II beta binding protein
Gene ID	51228
mRNA Refseq	NM_016433.3
Protein Refseq	NP_057517.1

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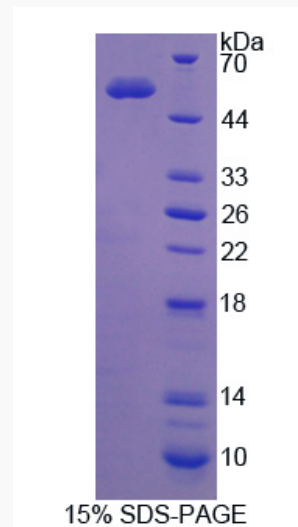
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UniProt ID

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SDS-PAGE

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